

REMARKS

Applicants are submitting an Information Disclosure Statement along with this amendment.

Claims 3-17 and 24-68 are pending in the application, with claims 3-16 being independent. Claims 1, 2 and 18-23 have been canceled, and claims 3-16 have been amended. Support for this amendment is found, for example, in Figs. 14, 15A, and 15B and in pages 20-23 of the application.

Independent claims 3 and 4 have been rejected as being anticipated by Bauer (U.S. Patent No. 6,509,832). Claims 25, 26, 29, and 30, which depend from claims 3 and 4, have been rejected as being unpatentable over Bauer. Claims 24 and 28, which depend from claims 3 and 4, have been rejected as being unpatentable over Bauer in view of Gauthier (U.S. Patent No. 5,303,205). Applicants have amended claims 3 and 4 to obviate these rejections.

Claims 3 and 4, as amended, each recite a vehicle having a display device mounted on a side (claim 3) or back (claim 4) mirror that includes “a substrate, a first thin film transistor formed over the substrate, a pixel electrode electrically connected to the first thin film transistor and a driver circuit comprising a second thin film transistor formed over the substrate and operationally connected to the first thin film transistor.” Notably, the structure of this display device is desirable for use in a vehicle because forming the driver circuit and the pixel electrode over the same substrate eliminates the need for an external driver circuit IC chip and associated connecting portions, thereby making the display device more resistant to the stresses, vibration, and temperature effects common in vehicular applications. Applicants request reconsideration and withdrawal of the rejections of claims 3 and 4, and their dependent claims, because neither Bauer, Gauthier, nor any combination of the two describes or suggests the recited display device having a substrate over which is formed a first thin film transistor, a pixel electrode electrically connected to the first thin film transistor, and a driver circuit that includes a second thin film transistor operationally connected to the first thin film transistor.

Bauer describes a vehicle monitoring system having a display device 32 that includes a display 100. While Bauer describes the display 100 as possibly being implemented using a CRT,

an LCD, or a HUD, Bauer does not describe or suggest that display 100 includes the recited structure. Col. 10, lines 1 to 5.

Gauthier does not remedy the deficiency of Bauer to describe or suggest the display device having the recited structure. Gauthier describes a vehicular distance measuring system having a display device that includes back-lit LCD displays 44, 46, 120, 122. Gauthier, however, does not describe or suggest that these LCD displays include the recited structure.

For at least these reasons, applicants request reconsideration and withdrawal of the rejection of claims 3 and 4 and their dependent claims 24-26 and 28-30.

Independent claims 5 and 6, along with their dependent claims 33, 34, 37, and 38, have been rejected as being unpatentable over Bauer. Claims 32 and 36, which depend from claims 5 and 6, have been rejected as being unpatentable over Bauer in view of Gauthier. Applicants have amended claims 5 and 6 to obviate these rejections.

Claims 5 and 6, as amended, each recite a vehicle having a display device mounted on a side (claim 5) or back (claim 6) mirror that includes “a substrate, a first thin film transistor formed over the substrate, a pixel electrode electrically connected to the first thin film transistor and a driver circuit comprising a second thin film transistor formed over the substrate and operationally connected to the first thin film transistor.” For at least the reasons described above, applicants request reconsideration and withdrawal of the rejections of claims 5 and 6, and their dependent claims 32-34 and 36-38, because neither Bauer, Gauthier, nor any combination of the two describes or suggests the recited display device having a substrate over which is formed a first thin film transistor, a pixel electrode electrically connected to the first thin film transistor, and a driver circuit that includes a second thin film transistor operationally connected to the first thin film transistor.

Independent claims 7-10, along with their dependent claims 39-48, have been rejected as being unpatentable over Bauer in view of Gauthier. Applicants have amended claims 7-10 to obviate this rejection.

Claims 7-10, as amended, each recite a vehicle having a display device mounted on a side (claim 7 and 9) or back (claim 8 and 10) mirror that includes “a substrate, a first thin film

transistor formed over the substrate, a pixel electrode electrically connected to the first thin film transistor and a driver circuit comprising a second thin film transistor formed over the substrate and operationally connected to the first thin film transistor.” For at least the reasons described above, applicants request reconsideration and withdrawal of the rejection of claims 7-10, and their dependent claims 39-48, because neither Bauer, Gauthier, nor any combination of the two describes or suggests the recited display device having a substrate over which is formed a first thin film transistor, a pixel electrode electrically connected to the first thin film transistor, and a driver circuit that includes a second thin film transistor operationally connected to the first thin film transistor.

Independent claims 11-14, along with their dependent claims 52, 53, 55, 56, 58, 59, 61 and 62, have been rejected as being unpatentable over Bauer in view of Lee (U.S. Patent No. 5,680,123). Claims 51, 54, 57 and 60, which depend from claims 11-14, have been rejected as being unpatentable over Bauer in view of Lee and further in view of Gauthier. Applicants have amended claims 11-14 to obviate these rejections.

Claims 11-14, as amended, each recite a vehicle having a display device mounted on a side (claim 11 and 13) or back (claim 12 and 14) mirror that includes “a substrate, a first thin film transistor formed over the substrate, a pixel electrode electrically connected to the first thin film transistor and a driver circuit comprising a second thin film transistor formed over the substrate and operationally connected to the first thin film transistor.” Applicants request reconsideration and withdrawal of the rejections of claims 11-14, and their dependent claims 51-62, because neither Bauer, Gauthier, Lee, nor any combination of the three describes or suggests the recited display device having a substrate over which is formed a first thin film transistor, a pixel electrode electrically connected to the first thin film transistor, and a driver circuit that includes a second thin film transistor operationally connected to the first thin film transistor.

For at least the reasons described above, neither Bauer, Gauthier, nor any combination of the two describes or suggests a display device having the recited structure. Lee does not remedy the deficiency of Bauer and Gauthier. Lee describes a vehicle monitoring system that includes a display 74. Lee does not describe or suggest that the display 74 has the recited structure. Rather,

Lee describes the display 74 as being a CRT or an LCD display configured to display NTSC video signals from a remote video camera. Col. 5, lines 23-32.

Accordingly, applicants request reconsideration and withdrawal of the rejections of claims 11-14 and their dependent claims 51-62.

Independent claims 15 and 16, along with their dependent claims 64, 65, 67, and 68, have been rejected as being unpatentable over Bauer in view of Lee and further in view of Reid (U.S. Patent No. 5,027,104). Claims 63 and 66, which depend from claims 15 and 16, have been rejected as being unpatentable over Bauer in view of Gauthier and unpatentable over Bauer and Lee in view of Reid and Gauthier. Applicants have amended claims 15 and 16 to obviate these rejections.

Claims 15 and 16, as amended, each recite a vehicle having a display device mounted on a side (claim 15) or back (claim 16) mirror that includes “a substrate, a first thin film transistor formed over the substrate, a pixel electrode electrically connected to the first thin film transistor and a driver circuit comprising a second thin film transistor formed over the substrate and operationally connected to the first thin film transistor.” Applicants request reconsideration and withdrawal of the rejections of claims 15 and 16, and their dependent claims 63-68, because neither Bauer, Gauthier, Lee, Reid, nor any combination of the four describes or suggests the recited display device having a substrate over which is formed a first thin film transistor, a pixel electrode electrically connected to the first thin film transistor, and a driver circuit that includes a second thin film transistor operationally connected to the first thin film transistor.

For at least the reasons described above, neither Bauer, Gauthier, Lee, nor any combination of the three describes or suggests a display device having the recited structure. Reid does not remedy the deficiency of Bauer, Gauthier, and Lee. Reid describes a vehicle security device that uses multiple video cameras. Reid's system includes a receiver 61 capable of receiving video signals recorded by the cameras. Reid, however, is silent as to the structure of the display used to view the received video pictures. Col. 3, lines 18-26.

Accordingly, applicants request reconsideration and withdrawal of the rejections of claims 15 and 16 and their dependent claims 63-68.

Applicant : Shunpei Yamazaki
Serial No. : 10/016,224
Filed : November 1, 2001
Page : 19 of 19

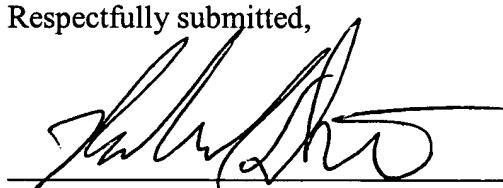
Attorney's Docket No.: 07977-288001 / US5290/5981

Applicants submit that all claims are in condition for allowance.

Please apply is a \$300 for the extension of time fee (\$120) and the information disclosure statement (\$180) to deposit account 06-1050.

Date: 6/27/05

Respectfully submitted,



Roberto J. Devoto
Reg. No. 55,108

Customer No. 26171
Fish & Richardson P.C.
1425 K Street, N.W., 11th Floor
Washington, DC 20005-3500
Telephone: (202) 783-5070
Facsimile: (202) 783-2331